

# **TUNDRA SWAN**

The 2008 tundra swan season was open from October 4 - December 21 in the following counties: Campbell, Walworth, Potter, Sully, Hughes, Hyde, Hand, Faulk, Spink, McPherson, Edmunds, Brown, Marshall, Roberts, Day, Grant, Codington, Clark, Hamlin, Deuel, Beadle, Kingsbury, Brookings, Buffalo, Jerauld, Brule, Aurora, Sanborn, Miner, Lake, Moody, Davison, Hanson, McCook, and Minnehaha. Residents and nonresidents could purchase up to two licenses. To hunt swans, residents were required to hold a small game, 1-day small game, adult or junior combination, or youth small game license plus a migratory bird certification. Nonresidents were required to obtain a nonresident waterfowl license. All hunters age 16 and over were also required to obtain a federal waterfowl stamp. In addition, all hunters needed to apply for and receive a lottery-issued tundra swan license.

In 2008, there were 1,300 licenses available for the tundra swan season (1,100 residents, 200 nonresidents). A total of 958 licenses were sold (758 residents, 200 nonresidents). Ninety-nine hunters purchased two licenses each. A random sample of 494 swan hunters were surveyed and the survey response rate was 84.4%. Approximately 22% of responding hunters used the Internet response system.

From the survey responses, there were a projected 220 swans harvested (not including cripples) during the 2008 season. There were a projected 51 birds crippled and not recovered during the season. When asked their satisfaction on the season, (1 being least satisfied, 7 being most satisfied), swan hunters reported an average rating of 5.12 (5.2 residents, 4.9 nonresidents). From those who responded, 24% indicated they did not hunt for swans (some hunters indicated they just purchased the license in case they happened to see a swan while hunting other waterfowl). Of the hunters who participated in the season, residents hunted an average of 4.6 days while nonresidents hunted 5.5 days. The average days hunted by all hunters (3.68 days) projected to a total of 2,698 recreation days for the season.

## Comparison of the 1998 – 2008 Tundra Swan seasons

Year	Licenses Sold			Harvest (w/o cripples)	Avg Days Hunted	Percent Success	Average Satisfaction
	Resident	Nonres	Total				
1998	1,096	120	1,216	181	3.62	15%	4.44
1999	743	120	863	248	4.05	26%	4.54
2000	728	121	849	159	4.04	19%	4.83
2001	808	175	983	337	3.61	34%	4.99
2002	885	175	1,060	193	3.24	19%	4.72
2003	806	196	1,002	41	3.21	4%	4.07
2004	619	201	820	134	3.58	16%	4.61
2005	637	174	811	120	3.67	15%	4.62
2006	635	166	801	163	3.70	20%	4.94
2007	783	281	1,064	144	3.67	14%	4.66
2008	758	200	958	220	3.68	23%	5.12

## 2008 Tundra Swan Harvest Projections

Last Revised:		Licenses																
12-Mar-2009		Resident			Nonresident						Harvest Projections					Ave.	Ave.	
Unit/Type	App. 1st	Available	Sold	App. 1st	Available	Sold	% Sampled	Response	Unit	Cripples **	Adults	Juvnles	Unk.	Total	Hunted	Satis-		
	Choice *			Choice *				Rate	Success								Harvest	faction
00A-81	229	1.100	758	117	200	200	52%	84.4%	23%	51	195	23	2	220	3.68	5.12		

\* Number of 1st drawing applicants with that season as 1st choice.

For those responding, 23.5% said they did not hunt swans.

\*\* Cripple estimate not included in Total Harvest Estimate.

Satisfaction is based on scale with 1=very dissatisfied and 7=very satisfied.

## Reported Swan Harvest Distribution by Date for 2008

Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest	Month	Day	Rpt'd Harvest Number	% of Total Rpt Harvest	
October	4	0		November	13	1	1.05%	
	5	0			14	0		
	6	0			15	3	3.16%	
	7	0			16	2	2.11%	
	8	0			17	1	1.05%	
	9	0			18	0		
	10	0			19	0		
	11	1	1.05%		20	1	1.05%	
	12	1	1.05%		21	1	1.05%	
	13	0			22	0		
	14	0			23	0		
	15	0			24	0		
	16	0			25	1	1.05%	
	17	0			26	0		
	18	0			27	0		
	19	3	3.16%		28	0		
	20	3	3.16%		29	0		
	21	1	1.05%		30	0		
	22	0			December	1	0	
	23	3	3.16%			2	0	
	24	1	1.05%			3	0	
	25	8	8.42%			4	0	
	26	3	3.16%			5	0	
	27	0				6	0	
	28	6	6.32%			7	0	
	29	9	9.47%			8	0	
	30	8	8.42%			9	0	
	31	2	2.11%			10	0	
	November	1	2			2.11%	11	0
		2	4		4.21%	12	0	
		3	2	2.11%	13	0		
4		2	2.11%	14	0			
5		2	2.11%	15	0			
6		1	1.05%	16	0			
7		1	1.05%	17	0			
8		4	4.21%	18	0			
9		2	2.11%	19	0			
10		2	2.11%	20	0			
11		3	3.16%	21	0			
12		1	1.05%					
October Subtotal:		49	51.58%					
November Subtotal:		36	37.89%					
December Subtotal:		0	0.00%					
Unknown:		10	10.53%					
TOTAL REPORTED:		95						
Last updated: 12 March 09								

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## 2008 Tundra Swan Harvest Summary By Residency

HARVEST SUMMARY						DISTRIBUTION OF REPORTED HARVEST BY COUNTY							
Residency	# License Holders	# Did Not Hunt	Ave. Days Hunted (if hunted)	Satisfaction	Success (not incl. Cripples)	Residents			Nonresidents				
						County	# Killed	% of Res. Kill	% of Total Kill	County	# Killed	% of Nonres. Kill	% of Total Kill
Resident	758	186 (24.6%)	4.6	5.2	24.0%	Brown	19	23.8%	19.8%	Brown	3	18.8%	3.1%
NonRes.	200	39 (19.3%)	5.5	4.9	19.3%	Beadle	1	1.3%	1.0%	Beadle	0		
						Codington	10	12.5%	10.4%	Codington	1	6.3%	1.0%
						Campbell	1	1.3%	1.0%	Campbell	0		
						Clark	23	28.8%	24.0%	Clark	2	12.5%	2.1%
						Day	9	11.3%	9.4%	Day	3	18.8%	3.1%
						Deuel	2	2.5%	2.1%	Deuel	0		
						Hamlin	1	1.3%	1.0%	Hamlin	0		
						McPherson	9	11.3%	9.4%	McPherson	1	6.3%	1.0%
						Marshall	5	6.3%	5.2%	Marshall	5	31.3%	5.2%
						Roberts	0			Roberts	1	6.3%	1.0%
<b>Total</b>						<b>Total</b>	<b>80</b>	<b>100.0%</b>	<b>83.3%</b>	<b>Total</b>	<b>16</b>	<b>100.0%</b>	<b>16.7%</b>

## TUNDRA SWAN HARVEST, 1990-2008

